Title (en)

CYTOPLASMIC MALE STERILE PLANT OF GENUS PETUNIA, INTERGENERIC HYBRID PLANT THEREOF, AND METHOD OF PRODUCING SAME

Title (de)

ZYTOPLASMATISCHE MÄNNLICHE STERILE PFLANZE DER GATTUNG PETUNIA, TRANSGENE HYBRIDPFLANZE DARAUS UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

PLANT À STÉRILITÉ MÂLE CYTOPLASMIQUE DU GENRE PETUNIA, SA PLANTE HYBRIDE INTER-GÉNÉRIQUE ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 4248738 A1 20230927 (EN)

Application

EP 21894712 A 20211118

Priority

- JP 2020193820 A 20201120
- JP 2021042382 W 20211118

Abstract (en)

Disclosed is a cytoplasmic male sterile plant of the genus Petunia having, in the mitochondrial genome thereof, a DNA molecule originated from the mitochondrial genome of a tobacco plant, or a hybrid plant with the cytoplasmic male sterile plant of the genus Petunia, or a progeny of the cytoplasmic male sterile plant of the genus Petunia or the hybrid plant. The cytoplasmic male sterile plant of the genus Petunia is a stable line in which the growth ability of young seedlings is improved and which is not susceptible to fertility restoration, and further, achieves diversification of available CMS cytoplasms.

IPC 8 full level

A01H 6/82 (2018.01); **A01H 1/00** (2006.01); **A01H 5/00** (2018.01); **A01H 5/10** (2018.01); **C12N 15/29** (2006.01); **C12Q 1/6895** (2018.01)

CPC (source: EP IL US)

A01H 1/00 (2013.01 - IL); **A01H 1/021** (2021.01 - EP); **A01H 1/023** (2021.01 - EP US); **A01H 5/00** (2013.01 - IL); **A01H 5/10** (2013.01 - IL); **A01H 6/82** (2018.05 - IL); **A01H 6/823** (2018.05 - EP US); **A01H 6/824** (2018.05 - EP US); **C07K 14/415** (2013.01 - IL); **C12Q 1/6895** (2013.01 - EP IL); C12Q 2600/13 (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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